

WHAT IS CLAIMED IS:

SUB 1. Charging system for electronic commerce, which comprises a service provider terminal providing service for a user via network by a request from a user terminal, the system charging a fee on the user corresponding to said service, comprising:

a charge collection terminal for collecting a fee from said user, which fee is reflected on said service provided by said service provider terminal,

the charge collection terminal existing individually from said service provider terminal.

2. Charging system for electronic commerce according to Claim 1, wherein:

said user terminal generates service request data and digital signature data and transmits them via network to said service provider terminal, the service request data is for requesting desired service of the user to said service provider terminal, the digital signature data is created based on said service request data; and

said service provider terminal transmits charged fee data calculated based on said service request data to said charge collection terminal, and transmits said digital signature data and said service request data to said charge collection terminal responding to request of said user.

3. Charging system for electronic commerce according to Claim 2, wherein:

said digital signature data is created only by said user.

4. Charging system for electronic commerce according to Claim 1, wherein:

said user terminal generates service request data and digital signature data and transmits them via network to said service provider terminal, the service request data is for requesting desired service of the user to said service provider terminal, the digital signature data is created based on said service request data;

said user terminal comprises memory medium which stores said service request data; and

when the user has objection against the charge, in case of happening charged fee collection notice from said charge collection terminal, the user enables to send said memory medium to said charge collection terminal, and the charge collection terminal enables to read out said service request data and said digital signature data from said memory medium to confirm.

5. Charging system for electronic commerce according to Claim 4, wherein:

said digital signature data is created only by said

user.

6. Charging system for electronic commerce according to Claim 4, wherein:

said service request data stored once in said memory medium is impossible to rewrite.

7. Charging system for electronic commerce according to Claim 1, wherein:

said service provider terminal charges a fee to said user based on time period providing said service to the user.

8. Charging system for electronic commerce according to Claim 1, wherein:

said service provider terminal charges a fee to said user based on contents provided to the user.

9. A method of charging for electronic commerce, service provider terminal providing service for a user via network by a request from a user terminal, and charging a fee on the user corresponding to said service, comprising steps of that:

collecting a charged fee from said user by a charge collection terminal, which fee is reflected on said service provided by said service provider terminal, wherein:

the charge collection terminal is provided individually from said service provider terminal.

10. A method of charging for electronic commerce

according to Claim 9, wherein:

generating service request data and digital signature data on said user terminal, transmitting the service request data and the digital signature data via network to said service provider terminal, the service request data is for requesting desired service of the user to said service provider terminal, the digital signature data is created based on said service request data;

transmitting charged fee data by said service provider terminal calculated based on said service request data to said charge collection terminal; and

transmitting said digital signature data and said service request data from said service provider terminal to said charge collection terminal responding to the request of said user.

11. A method of charging for electronic commerce according to Claim 10, wherein:

said digital signature data is created only by said user.

12. A method of charging for electronic commerce according to Claim 9, wherein:

generating service request data and digital signature data by said user terminal;

transmitting said service request data and said digital

signature data via network to said service provider terminal;

the service request data is for requesting desired service of the user to said service provider terminal, the digital signature data is created based on said service request data;

said user terminal comprises memory medium which stores said service request data; and

when the user has objection against the charge, in case of happening charged fee collection notice from said charge collection terminal, the user enables to send said memory medium to said charge collection terminal, and the charge collection terminal enables to read out said service request data and said digital signature data from said memory medium to confirm.

13. A method of charging for electronic commerce according to Claim 12, wherein:

said digital signature data is created only by said user.

14. A method of charging for electronic commerce according to Claim 12, wherein:

said service request data stored once in said memory medium is impossible to rewrite.

15. A method of charging for electronic commerce according to Claim 9, wherein:

said service provider terminal charges a fee to said user based on time period providing said service to the user.

16. A method of charging for electronic commerce according to Claim 9, wherein:

said service provider terminal charges a fee to said user based on contents provided to the user.

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